



- 1 -

SEQUENCE LISTING

<110> Shashoua, Victor E
<120> NEUROPROTECTIVE PEPTIDES AND USES THEREOF
<130> N0260.70044US01
<140> US 10/674,076
<141> 2003-09-29
<150> US 09/021,247
<151> 1998-02-10
<150> US 09/810,863
<151> 2001-03-16
<160> 19
<170> PatentIn version 3.2
<210> 1
<211> 12
<212> PRT
<213> Artificial sequence
<220>
<223> Peptide
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> X = Asp, Gln, Gly or Tyr
<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> X = any amino acid
<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> X = Asp, Asn, Thr or Glu
<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> X = any amino acid
<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> X = Asp, Ser, Gly, Asn or Leu
<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> X = any amino acid
<220>
<221> MISC_FEATURE

<222> (7)..(7)
<223> X = Ala, Asp, Phe, Lys, Thr, Tyr, Arg, Val, Cys or Ser

<220>
<221> MISC_FEATURE
<222> (8)..(8)
<223> X = any amino acid

<220>
<221> MISC_FEATURE
<222> (9)..(9)
<223> X = Asp, Glu, Gly, Ser, Thr, Met or Asn

<220>
<221> MISC_FEATURE
<222> (10)..(10)
<223> X = any amino acid

<220>
<221> MISC_FEATURE
<222> (11)..(11)
<223> X = Glu, Gln, Ala, Leu or Asn

<220>
<221> misc_feature
<222> (12)..(12)
<223> Xaa can be any naturally occurring amino acid

<400> 1

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5 10

<210> 2
<211> 12
<212> PRT
<213> Artificial sequence

<220>
<223> Peptide

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> X = any amino acid

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> X = any amino acid

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> X = any amino acid

<220>
<221> MISC_FEATURE
<222> (10)..(10)

<223> X = any amino acid

<220>

<221> MISC_FEATURE

<222> (11)..(11)

<223> X = any amino acid

<400> 2

Asp Xaa Asp Xaa Asp Gly Xaa Ile Asp Xaa Xaa Glu
1 5 10

<210> 3

<211> 12

<212> PRT

<213> Artificial sequence

<220>

<223> Peptide

<400> 3

Asp Gly Asp Gly Asp Phe Ala Ile Asp Ala Pro Glu
1 5 10

<210> 4

<211> 14

<212> PRT

<213> Artificial sequence

<220>

<223> Peptide

<400> 4

Lys Lys Asp Gly Asp Gly Asp Phe Ala Ile Asp Ala Pro Glu
1 5 10

<210> 5

<211> 16

<212> PRT

<213> Artificial sequence

<220>

<223> Peptide

<400> 5

Lys Lys Lys Lys Asp Gly Asp Gly Asp Phe Ala Ile Asp Ala Pro Glu
1 5 10 15

<210> 6

<211> 21

<212> DNA

<213> Artificial sequence

<220>

<223> Oligonucleotide

<400> 6

agttgagggg actttccagg c

21

<210> 7

<211> 20

<212> DNA

<213> Artificial sequence

<220>

<223> Oligonucleotide

<400> 7

tgcagattgc gcaatctgca

20

<210> 8

<211> 21

<212> DNA

<213> Artificial sequence

<220>

<223> Oligonucleotide

<400> 8

cgcttgatga gtcagccgga a

21

<210> 9

<211> 20

<212> PRT

<213> Artificial sequence

<220>

<223> Peptide

<400> 9

Lys Lys Lys Lys Asp Gly Asp Gly Asp Phe Ala Ile Asp Ala Pro Glu
1 5 10 15

Lys Lys Lys Lys
20

<210> 10

<211> 8

<212> PRT

<213> Artificial sequence

<220>

<223> Peptide

<400> 10

Asp Phe Ala Ile Asp Ala Pro Glu
1 5

<210> 11

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Peptide

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> X = any amino acid

<400> 11

Xaa Asp Phe Ala Ile Asp Ala Pro Glu
1 5

<210> 12

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Peptide

<400> 12

Gly Asp Phe Ala Ile Asp Ala Pro Glu
1 5

<210> 13

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Peptide

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> X = Asp, Asn, Thr or Glu

<220>

<221> MISC_FEATURE

<222> (2)..(2)

<223> X = any amino acid

<400> 13

Xaa Xaa Asp Phe Ala Ile Asp Ala Pro Glu
1 5 10

<210> 14

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Peptide

<220>

<221> MISC_FEATURE

<222> (2)..(2)

<223> X = any amino acid

<400> 14

Asp Xaa Asp Phe Ala Ile Asp Ala Pro Glu
1 5 10

<210> 15

<211> 11

<212> PRT

<213> Artificial sequence

<220>

<223> Peptide

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> X = any amino acid

<220>

<221> MISC_FEATURE

<222> (2)..(2)

<223> X = Asp, Asn, Thr or Glu

<220>

<221> MISC_FEATURE

<222> (3)..(3)

<223> X = any amino acid

<400> 15

Xaa Xaa Xaa Asp Phe Ala Ile Asp Ala Pro Glu
1 5 10

<210> 16

<211> 11

<212> PRT

<213> Artificial sequence

<220>

<223> Peptide
<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> X = Asp, Asn, Thr or Glu

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> X = any amino acid

<400> 16

Gly Xaa Xaa Asp Phe Ala Ile Asp Ala Pro Glu
1 5 10

<210> 17
<211> 12
<212> PRT
<213> Artificial sequence

<220>

<223> Peptide
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> X = Asp, Gln, Gly or Tyr

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> X = any amino acid

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> X = Asp, Asn, Thr or Glu

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> X = any amino acid

<400> 17

Xaa Xaa Xaa Xaa Asp Phe Ala Ile Asp Ala Pro Glu
1 5 10

<210> 18
<211> 12
<212> PRT
<213> Artificial sequence

<220>

<223> Peptide

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> X = any amino acid

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> X = Asp, Asn, Thr or Glu

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> X = any amino acid

<400> 18

Asp Xaa Xaa Xaa Asp Phe Ala Ile Asp Ala Pro Glu
1 5 10

<210> 19
<211> 8
<212> PRT
<213> Artificial sequence

<220>

<223> Peptide

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> X = Asp, Ser, Gly, Asn or Leu

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> X = any amino acid

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> X = Ala, Asp, Phe, Lys, Thr, Tyr, Arg, Val, Cys or Ser

<220>
<221> MISC_FEATURE
<222> (4)..(3)
<223> X = any amino acid

<220>
<221> misc_feature
<222> (4)..(4)
<223> Xaa can be any naturally occurring amino acid

<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> X = Asp, Glu, Gly, Ser, Thr, Met or Asn

<220>
<221> MISC_FEATURE

<222> (6)..(7)
<223> X = any amino acid

<220>
<221> MISC_FEATURE
<222> (8)..(8)
<223> X = Glu, Gln, Ala, Leu or Asn

<400> 19

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
1 5